## Barstow

Community meeting is scheduled for January 3, 6:00 pm at the city council chamber.

Barstow:

Yard: 7 RCO Cow/Calf SD39s 7 days/week 24' day (3 shifts)

Activity: Service 72 locomotives/day

Classification Yard 1550 cars/day Through freight 130 trains per day intermodal emergency only 240 lifts/year.

Area   Description   Description   Description   Description   Co.   Number   Technically   Legally   Operationally   Economically   Safety   Other	Source	Area	Activity	Typical	Option	Description of Option	Notes							
1	Area	Description	Description	Loco.	Number	Description of Option	Technically	Legally	Operationally	Economically	Safety	Other	Go?	Notes
1   Discontinue use of area   -   No   No   -   NO	1	Movement into & o	out of the Yard											
2   Dedicato T2_ULEL_etc.   Yes	1a	Classification	Movement	Road fleet										
3   Retroff W AESS   Yes   Y		•	•	•	1	Discontinue use of area	-	-	No	No	-	-	NO	
4   Manual Shutdown   Yes   Yes   Yes   Yes   No   No   7   No   NO   No   Technical/Safety/logistics issues					2	Dedicate T2, ULEL, etc.	Yes	Yes	No	No	-	-	NO	
1   10   10   10   10   10   10   10					3	Retrofit w/ AESS	Yes	Yes	Yes	?	-	-	?	Will require more evaluation
1   Discontinue use of area   No   No   No   No   No   No   No   N					4	Manual Shutdown	Yes	Yes	Yes	Yes	i		05 MOU	Will require more evaluation
Tours   Tour					5	Use LNG units	No	Yes	No	No	?	No*	NO	*technical/safety/logistics issues
B					6	Use CARB diesel	Yes	Yes	No	-	-	-	NO	Cannot get CARB out of state
1					7	Use specialty fuels	Not sure	Yes	No	Unkown		-	NO	biodiesel, lubrizol, purinox, etc.
1 Discontinue use of area   -					8									
2 Dedicate T2, ULEL, etc. Yes Yes Yes ? No - Do NO 3 Retrofit w/ AESS Yes Yes Yes Yes ? - Do MOU 4 Enforce shutdown policy Yes Yes Do MOU 5 Use LNG units Yes Yes No ? Po No ? Po No ? Physize and fuel logistics issues 6 Use CARB diesel Yes Yes No ? Po No ? Physize and fuel logistics issues 7 Use specialty fuels Yes Yes No - DO MOU 7 Use specialty fuels Yes Yes No - DO MOU 9 Use Multi Gen Set Yes Yes No - NO Po NO Policities issues 8 Use Green Goats Yes Yes Maybe - NO Policities issues 9 Use Multi Gen Set Yes Yes No - NO Policities issues 2 Idling & movement within identified locations 2 Idling Road fleet Set Yes	1b		Movement	Local fleet										
3 Retrofit w/ AESS Yes Yes ?							-	-			-	-		
4 Enforce shutdown policy Yes Yes 05 MOU 5 Use LNG units Yes Yes Yes Yes Yes Yes 7 - 05 MOU 7 Hp size and fuel logistics issues 6 Use CARB diesel Yes Yes Yes 7 - 05 MOU 7 Use specialty fuels Yes Yes Yes No - 05 MOU 7 Use specialty fuels Yes Yes No - 05 MOU 7 Use specialty fuels Yes Yes No - 05 MOU 10 biodiesel, lubrizol, purinox, etc. 8 Use Green Goats Yes Yes Yes No - 07 Will require more evaluation 9 Use Multi Gen Set Yes Yes Yes Yes Yes 7 - 0 Will require more evaluation 2 Idling Road fleet Secure Area 1a for options associated with movement of Road fleet locomotives.  2b Idling at Svc Trk, Shop & Ready Track Sa Service Track Idling Mixed fleet 1 See Source Area 1a for options associated with movement of Shop fleet locomotives.  3 Idling at Svc Trk, Shop & Ready Track Sa Service Track Idling Mixed fleet 1 See Source Area 1a for options associated with movement of Shop fleet locomotives.    See Source Area 1a for options associated with movement of Shop fleet locomotives.   See Source Area 1a for options associated with movement of Shop fleet locomotives.											-	-		
Suse LNG units					3				Yes	?	-	-		
6 Use CARB diesel Yes Yes Yes Pes ? - 05 MOU biodiesel, lubrizol, purinox, etc.  8 Use Great Goats Yes Yes No - NO Diodiesel, lubrizol, purinox, etc.  8 Use Great Goats Yes Yes No - NO Political Coations Personal Programment Within identified locations  2 Idling & movement within identified locations  2 Idling & movement within identified locations  2 Idling & Road fleet See Source Area 1a for options associated with movement of Road fleet locomotives.  2 Idling at Svc Trk, Shop & Ready Track  See Source Area 1b for options associated with movement of Local fleet locomotives.  3 Idling at Svc Trk, Shop & Ready Track  See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.  3 Service Track Idling Mixed fleet 1  See Source Area 1a for options associated with movement of Shop fleet locomotives.  3 Ready Track Idling Mixed fleet 1  See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.  See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.  See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.  See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.  See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.  See Source Area 1a for options associated with movement of Shop fleet locomotives.  See Source Area 1a for options associated with movement of Shop fleet locomotives.  See Source Area 1a for options associated with movement of Shop fleet locomotives.  See Source Area 1a for options associated with movement of Shop fleet locomotives.									-	-	-			
7 Use specialty fuels Yes Yes No - NO biodiesel, lubrizol, purinox, etc.  8 Use Green Goats Yes Yes Maybe - ? Will require more evaluation  9 Use Multi Gen Set Yes Yes Yes Pes ? ? ? Will require more evaluation  2 Idling & movement within identified locations  2a Classification Idling Road fleet  See Source Area 1a for options associated with movement of Road fleet locomotives.  2b Idling Local fleet  See Source Area 1b for options associated with movement of Local fleet locomotives.  3 Idling at Svc Trk, Shop & Ready Tracks  3a Service Track Idling Mixed fleet 1  See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.  3b Locomotive Shop Idling Shop fleet  See Source Area 1a for options associated with movement of Shop fleet locomotives.  See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.  See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.  See Source Area 1a for options associated with movement of Shop fleet locomotives.  See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.  See Source Area 1a for options associated with movement of Shop fleet locomotives.  See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.  See Source Area 1a for options associated with movement of Shop fleet locomotives.  See Source Area 1a for options associated with movement of Shop fleet locomotives.  See Source Area 1a for options associated with movement of Shop fleet locomotives.					5						?	No*		Hp size and fuel logistics issues
8   Use Green Goats   Yes   Yes   Maybe   -     ?   Will require more evaluation   9   Use Multi Gen Set   Yes   Yes   Yes   Yes   Yes   ?   Will require more evaluation   2   Idling & movement within identified locations   See Source Area 1a for options associated with movement of Road fleet   See Source Area 1a for options associated with movement of Local fleet locomotives.   See Source Area 1a for options associated with movement of Local fleet locomotives.   See Source Area 1a for options associated with movement of Local fleet locomotives.   See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.   See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.   See Source Area 1a for options associated with movement of Shop fleet locomotives.   See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.   See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.   See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.   See Source Area 1a for options associated with movement of Mixed fleet 1 locomotives.   See Source Area 1a for options associated with movement of Shop fleet locomotives.   See Source Area 1a for options associated with movement of Shop fleet locomotives.   See Source Area 1a for options associated with movement of Shop fleet locomotives.   See Source Area 1a for options associated with movement of Shop fleet locomotives.   See Source Area 1a for options associated with movement of Shop fleet locomotives.   See Source Area 1a for options associated with movement of Shop fleet locomotives.   See Source Area 1a for options associated with movement of Shop fleet locomotives.   See Source Area 1a for options associated with movement of Shop fleet locomotives.   See Source Area 1a for options associated with movement of Shop fleet locomotives.   See Source Area 1a for options associated with movement of Shop fleet locomotives.   See Source Area 1a for opti										?	-	-		
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	3f	Shop area	Movement	Shop fleet										
Joe Journe Area Ta for options associated with movement of shop freet locomotives.	See Source Area 1a for options associated with movement of Shop fleet locomotives.													

Source	Area	Activity	Typical	Option   Description of Option   Is the Option Feasible for BNSF??									N
Area	Description	Description	Loco.	Number	Description of Option	Technically	Legally	Operationally	Economically	Safety	Other	Go?	Notes
Testing at Svc Trk, Load Test, & Locomotive Shop													
3g		Testing/Inspection	Mixed										
		•		1	Discontinue use of area	-	-	No	No	-	-	NO	
				2	Ins exhaust hood/scrub	Maybe	Yes	Yes	?	?	-	?	Watch progress at Roseville
				3	Relocate test area	Yes	Yes	No	No	-	-	NO	
				4	Modify test proceedure	Yes	No	?	?	-	-	NO	already try to minimize time now
3h	Locomotive Shop	Testing/Inspection	Tested fleet										
	See Source Area 1 & 3g for options associated with testing/inspection fleet locomotives.												
4	4 Idling of Yard Equipment (tractors/hostlers, cranes, auto transports, etc.)												
4a		Idling											
				1	Discontinue use of area	No	Yes	No	No	-	-	No	
				2	Upgrade equipment	Yes	Yes	Yes	?			?	Will require more evaluation
												Cargo Handling Equipment Rule	
4	Movement of Yard	Equipment (tra	actors/host	lers, crane	s, auto transports, etc.)								
4b		Movement											
				1	Discontinue use of area	No		No	No	-	-	No	
				2	Upgrade equipment	Yes	Yes	Yes	?			?	Will require more evaluation
													Cargo Handling Equipment Rule
5	<b>Hump &amp; Trim Oper</b>	rations											
5a	Hump Operations	Train Building	Hump sets										
				1	Discontinue use of area	-	-	No	No	-	-	NO	
				2	Dedicate Tier 2 units	Yes	Yes	No	No	-	-	NO	6 axle units @ curves = concern
				3	Dedicate Green Goats	Yes	Yes	unknown	Yes	Yes	-	?	assumes Goats will 'work'
				4	Dedicate GSH's	Yes	Yes	Yes	Yes	Yes	-	YES	assumes TES will 'work'
				5	Retrofit w/ AESS	Yes	Yes	Yes	?	-	-	05 MOU	
				6	Enforce shutdown policy	Yes	Yes	?	Yes	-	1	05 MOU	
				7	Use LNG units	No	Yes	No	No	?	No*	NO	*technical/safety/logistics issues
I				8	Use CARB diesel	Yes	Yes	No	-	-	-	05 MOU	
I				9	Electrify the hump	Yes	Yes	?	No	No	-	NO	
<u> </u>		T =		10	Use specialty fuels	Yes	Yes	No	-	L	<u> </u>	NO	biodiesel, lubrizol, purinox, etc.
5b	Trim Operations	Train Building	Trim sets		Ic. C		10. T.	. D. 11.11					
See Source Area 4a for options associated with Trian Building at Trim operations													